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# HISTORIC AMERICAN ENGINEERING RECORD

## INDEX TO PHOTOGRAPHS

United States Geological Survey,  
Rock Magnetism Laboratory (Building 9B)  
345 Middlefield Road  
Menlo Park  
San Mateo County  
California

HAER No. CA-173

David G. De Vries, photographer

September, 1995

- CA-173-1 OVERALL VIEW OF BUILDING 9, LOOKING TO SOUTHEAST FROM BUILDING 4. BUILDING 2 IS VISIBLE BEHIND AND TO LEFT OF BUILDING 9.
- CA-173-2 WEST REAR, NORTH AND CENTRAL PARTS.
- CA-173-3 WEST REAR, SHOWING ORIGINAL ENTRANCE AND GABLE AT SOUTH END.
- CA-173-4 PARTIAL WEST AND SOUTH SIDES. THE WING IN THE FOREGROUND IS NOT ORIGINAL, BUT WIDENED AND EXTENDED THE ORIGINAL SPACE AT THE LABORATORY'S WEST END.
- CA-173-5 ORIGINAL SOUTH SIDE, WEST PART, SET BACK FROM ADDITION AT LEFT.
- CA-173-6 ORIGINAL SOUTH SIDE, CENTRAL PART.
- CA-173-7 ORIGINAL SOUTH SIDE, EAST PART, ALSO SHOWING PATH FROM EAST FRONT LEADING TO CENTRAL CAMPUS.
- CA-173-8 EAST FRONT. ONLY THE GABLED PART IS ORIGINAL.
- CA-173-9 LOOKING WEST INTO COURTYARD FROM WALK FRONTING EAST SIDE OF BUILDING 9.
- CA-173-10 COURTYARD, LOOKING SOUTHEAST TO ROOM 47 ADDITION.
- CA-173-11 LOOKING SOUTH AT THE ONLY REMAINING PART OF THE NORTH SIDE OF ORIGINAL LAB, FROM COURTYARD.

- CA-173-12 OVERALL NORTH SIDE. THIS PART OF BUILDING 9 IS NOT ASSOCIATED WITH THE SIGNIFICANT RESEARCH THAT OCCURRED IN THE SOUTH WING.
- CA-173-13 ROOM 40, LOOKING WEST FROM THE RUBENS COIL. SPINNER MAGNETOMETER IS VISIBLE AT FAR LEFT, AND THE RUBENS COIL CONTROL UNIT AT FAR RIGHT.
- CA-173-14 ROOM 40, LOOKING EAST FROM THE ENTRANCE OF ROOM 38. CURIE BALANCE VISIBLE AT RIGHT.
- CA-173-15 ROOMS 48 AND 49, LOOKING SOUTH FROM ENTRANCE TO ROOM 47. THE OAK CABINETS ARE USED TO STORE ROCK CORE SAMPLES.
- CA-173-16 ROOM 38, LOOKING WEST FROM ROOM 40. FIELD EQUIPMENT IS STORED ON SHELVES AT LEFT.
- CA-173-17 ROOM 32, SHOWING THE ORIGINAL LOCATION OF THE MASS SPECTROMETER AND EXTRACTION LINES, LOOKING SOUTH.
- CA-173-18 ROOM 32, LOOKING NORTH FROM DOORWAY TO ROOM 38.
- CA-173-19 ROOM 34 AT WEST END OF LABORATORY, THAT FORMERLY HOUSED ROCK CUTTING EQUIPMENT. NOTE BLACKED OUT ORIGINAL WINDOW AT LEFT.
- CA-173-20 RUBENS COIL AT SOUTHEAST CORNER OF ROOM 40, LOOKING TOWARD EAST FRONT ENTRANCE.
- CA-173-21 CONTROL UNIT FOR RUBENS COIL.
- CA-173-22 SPINNER MAGNETOMETER ALONG NORTH WALL OF ROOM 40.
- CA-173-23 CURIE BALANCE ALONG SOUTH WALL OF ROOM 40.
- CA-173-24 CONTROL UNIT FOR CURIE BALANCE.
- CA-173-25 FOUR AXIS TUMBLER DEMAGNETIZER MADE FROM PRESSED IMPREGNATED FABRIC.
- CA-173-26 POLE PIECES FOR CURIE BALANCE.

CA-173-27            THREE AXIS DEMAGNETIZER USED IN ORIGINAL WORK.

CA-173-28            MODIFIED CHAIN SAW FOR CUTTING ROCK CORES; BRUNTON  
COMPASS STAND FOR DETERMINING CORE'S FIELD  
ORIENTATION; INSECTICIDE DISPENSER MODIFIED TO  
LUBRICATE CORE DRILLING PROCESS.

Note: Photographs No's. CA-173-29 through CA-173-34 are 4 x 5 inch contact prints from copy negatives of resin coated silver gelatin enlargements held at the United States Geological Survey, Menlo Park, California. Original photographers unknown.

CA-173-29            EAST FRONT, ABOUT 1965, LOOKING SOUTH.

CA-173-30            ROOM 40 INTERIOR, ABOUT 1965, LOOKING EAST.  
COMPARE TO CA-173-14.

CA-173-31            SCIENTIST BRENT DALRYMPLE ADJUSTING MASS  
SPECTROMETER VACUUM FLIGHT TUBE, 1971.

CA-173-32            SCIENTISTS ALLAN COX (SEATED), RICHARD DOELL, AND  
BRENT DALRYMPLE AT CONTROL PANEL, ABOUT 1965.

CA-173-33            COX, DOELL, AND DALRYMPLE AT CURIE BALANCE, ABOUT  
1965.

CA-173-34            R. DOELL AND B. DALRYMPLE ADJUSTING RUBENS COIL,  
ABOUT 1965.